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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**UTILITY PATENT APPLICATION
TRANSMITTAL LETTER
UNDER 37 C.F.R. 1.53(b)**

ATTORNEY DOCKET NO.:
52494/2202

JC680 U.S.P.10
09/441857
11/18/99

Assistant Commissioner
for Patents
Washington D.C. 20231
Box Patent Application

Transmitted herewith for filing is the patent application of

Inventor(s): **DUFFY, Hao-Peng Xu; SHAN, Ji-dong; YUAN, Li-ming;
DUDMAN, Daniel and CALABRO, Anthony**

For : **IDENTIFICATION OF DIFFERENTIALLY METHYLATED
MULTIPLE DRUG RESISTANCE LOCI**

Enclosed are:

1. 32 sheets of specification, 10 sheets of claims, 1 sheet of abstract .and 21 sheets of Sequence Listing.
2. 12 sheets of drawings.
3. Computer Readable Disk;
4. Statement that the Computer-Readable and Printed Sequence Listings are the Same (37 CFR §1.821(f));
5. Related Application:

The present application claims the benefit, under 35 U.S.C. § 119(e) of U.S. Provisional Application No. 60/108,994 filed on November 18, 1998.

6. The filing fee has been calculated as shown below:

	NUMBER FILED	NUMBER EXTRA*	RATE (\$)	FEE (\$)
BASIC FEE				760.00
TOTAL CLAIMS	111 - 20 =	91	18.00	1,638.00

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Express Mail No. EL179103302US

INDEPENDENT CLAIMS	38 - 3 =	35	78.00	2,730.00
MULTIPLE DEPENDENT CLAIM PRESENT			260.00	260.00
*Number extra must be zero or larger			TOTAL	5,388.00
If applicant is a small entity under 37 C.F.R. §§ 1.9 and 1.27, then divide total fee by 2, and enter amount here.			SMALL ENTITY TOTAL	0.00

7. Please charge the required application filing fee of \$ 5,388.00 to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**.
8. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**:
- A. Any additional filing fees required under 37 C.F.R. § 1.16;
 - B. Any additional patent application processing fees under 37 C.F.R. § 1.17;
 - C. Any additional patent issue fees under 37 C.F.R. § 1.18;
 - D. Any additional document supply fees under 37 C.F.R. § 1.19;
 - E. Any additional post-patent processing fees under 37 C.F.R. § 1.20; or
 - F. Any additional miscellaneous fees under 37 C.F.R. § 1.21.
9. A copy of this sheet is enclosed.

Dated: Nov. 18, 1999 By:



Robin A. Chadwick, (Reg. No. 36,477)

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EXPRESS MAIL CERTIFICATE

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DATE OF DEPOSIT November 18, 1999

TYPE OF DOCUMENT Patent Application of Hao-Peng X. DUFFY et al.

SERIAL NO. Not Yet Assigned FILING DATE Herewith

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Title: **IDENTIFICATION OF DIFFERENTIALLY METHYLATED
MULTIPLE DRUG RESISTANCE LOCI**

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**STATEMENT THAT THE COMPUTER-
READABLE AND PRINTED SEQUENCE
LISTINGS ARE THE SAME
(37 CFR §1.821(f))**

Docket Number:
52494/2202

Application Number Not Yet Assigned	Filing Date HEREWITH	Examiner	Art Unit
Invention Title IDENTIFICATION OF DIFFERENTIALLY METHYLATED MULTIPLE DRUG RESISTANCE LOCI	Inventor(s) DUFFY et al.		

As required by 37 CFR §1.821(f), I hereby state that the information recorded in computer readable form submitted herewith in accordance with 37 CFR § 1.821(e) is identical to the written substitute sequence listing prepared in accordance with the requirements of 37 CFR § 1.823 and also submitted herewith.

Dated: Nov. 18, 1999 By:



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